

TOMBERLIN LOW SPEED VEHICLES



TOMBERLIN Low Speed Vehicles are held to a very strict set of Government Regulations set by the FMVSS or Federal Motor Vehicle Safety Standards, as are all LSV's. S5 Statutes are required by the government to receive LSV status.

\$571.500 Standard No. 500; Low-speed vehicles.

(S5)(a.) When tested in accordance with test conditions in S6 and test procedures in S7, the maximum speed attainable in 1.6 km (1 mile) by each low-speed vehicle shall not more than 40 kilometers per hour (25 miles per hour). (S5)(b.) Each low-speed vehicle shall be equipped with:

(1) Headlamps,

(2) Front and rear turn signal lamps,

(S5)(b)(3) Taillamps,

(S5)(b)(4) Stop lamps,

(S5)(b)(5) Reflex reflectors: one red on each side as far to the rear as practicable, and one red on the rear,

(S5)(b)(6) An exterior mirror mounted on the driver's side of the vehicle and either an exterior mirror mounted on the passenger's side of the vehicle or an interior mirror,

(S5)(b)(7) A parking brake,

(S5)(b)(8) A windshield that conforms to the Federal motor vehicle safety standard on glazing materials (49 CFR 571.205).

(S5)(b)(9) A VIN that conforms to the requirements of part 565 Vehicle Identification Number of this chapter, and

(S5)(b)(10) A Type 1 or Type 2 seat belt assembly conforming to Sec. 571.209 of this part, Federal Motor Vehicle Safety Standard No. 209, Seat belt assemblies, installed at each designated seating position.

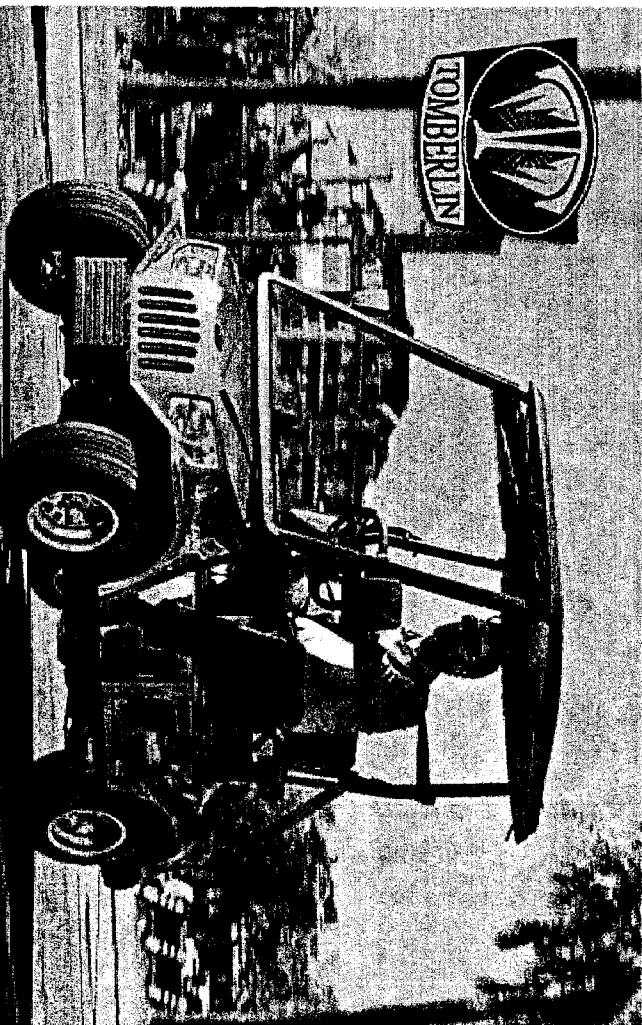
Federal FMVSS Requirements For Low Speed Vehicle Status

| FEATURES | GOLF CARTS | TOMBERLIN LSV's |
|---------------------------------|---|--|
| Head Lamps | Golf carts DO NOT have head lamps as standard equipment, but are added as an accessory item. | Every Tomberlin LSV manufactured has head lamps. Additionally our head lamps have Hi/Low beam selection and have been tested to meet D.O.T. and E-Mark requirements. |
| Front & Rear Turn Signals | Golf carts do not have the turn signals as standard equipment but rather they are added as an accessory item. | Every Tomberlin Low Speed Vehicle manufactured has been equipped with front and rear turn signal lamps like a standard automobile. |
| Reflex Reflectors | Golf carts do not have reflex reflectors. | Tomberlin vehicles are equipped with reflex reflectors as required per the FMVSS 500 standard. |
| Exterior Mirror on Drivers Side | Golf carts are not equipped with mirrors except when added as an accessory item. | Tomberlin Low Speed Vehicles have three mirrors and exceed the FMVSS requirements. Exterior mirrors mounted on both the drivers and passenger side and a interior rear view mirror. |
| Parking Brake | Golf carts utilize a toe brake that is connected to the primary brake system for ease of use when playing golf and the brake is released when the accelerator is depressed. | Tomberlin vehicles utilize a hand-actuated parking brake that activates the rear brake shoes independently of the primary brake system. If the accelerator is depressed with the park brake engaged the vehicle will not run as the electrical system is disabled via a switch that is integrated into the park brake assembly for added safety. |
| DOT Windshield | Golf carts are normally equipped with impacted modified acrylic plastics windshields that fold down for golf and do not meet the requirements. | Tomberlin windshields are equipped with either automotive safety glass AS-1 or Lexan / Polycarbonate AS-4 material that is marked with a DOT # by the supplier for compliance with the requirement. |
| VIN Number | Golf Cart VIN's do not typically follow this format. | Tomberlin Low Speed Vehicles have a 17 digit VIN# that complies with the FMVSS 500 requirement. Tomberlin's SAE signed World Manufacturer Identifier (WMI) is 5TS. |
| Type 2 Seat Belts | Golf carts do not typically have seat belts, nor is the chassis designed with mounting supports to attach seatbelts with sufficient strength. | These 3-point belts are standard equipment on Tomberlin Low Speed Vehicles. |

SEE REVERSE SIDE FOR ADDITIONAL EQUIPMENT STANDARD ON TOMBERLIN LOW SPEED VEHICLES. THE EXCEEDS THE FMVSS REQUIREMENTS.

TOMBERLIN LSV's

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| 4-Wheel Braking | Golf carts utilize rear wheel braking that on wet surfaces can cause a loss of control. | Tomberlin Utilizes 4-Wheel Hydraulic Braking plus a redundant parking brake. |
| Horn | Can be added as an accessory | ✓ |
| Emergency Flashers | Can be added as an accessory | ✓ |
| Speedometer/ Odometer | Not Available | LCD Display |
| DOT Tires | Not Available | ✓ |
| Trunk | Not Available | Lockable Removable Trunk |
| Power Outlet | Can be added as an accessory | ✓ |
| Motor | Sealed Low Speed Motor that can overheat at higher speeds | ✓ |
| Controller | Golf carts normally have controllers at or near a rating of 225 amps. | 400-500 amp controllers |
| Front Wheel Bearings | Some golf carts utilize lower load rated ball type front wheel bearings | ✓ |
| Interior Dome Light | Not Available | ✓ |
| Center High-Mount Stop Lamp | Not Available | ✓ |
| Front Shocks & Springs | Most golf carts utilize leaf spring / shock combinations. | ✓ |
| Front Suspension | Most golf carts utilize single arm leaf spring geometry to provide a "cushiony" ride on the golf course. | Double A-arm w/ Rack & Pinion Steering |
| Unique Key Switch | Golf carts often use a common key type switch. This means the same key can be used on multiple carts | ✓ |
| On-Board Charger | Golf carts utilize heavy On-Board charging systems. | ✓ |
| License Plate Holder | Not Available | ✓ |

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TOMBERLIN Low Speed Vehicles

Versus Golf Carts

